

# KF12

Portable powered floor monitor  
and PA system

## Features:

- Unique performance-to-size ratio
- Self powered + Auxiliary powered output
- Integrated DSP and remote control
- Symmetrical horizontal and vertical coverage
- Cabinet angled for floor monitor use
- Integrated 35mm pole adapter
- Integrated flying and stacking hardware
- Top quality components for outstanding performance
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- For use in single, point source applications, as a floor monitor and in combination with other K-array systems

## Applications:

- Small and medium scale events
- Theatres, concert halls, conferences, churches

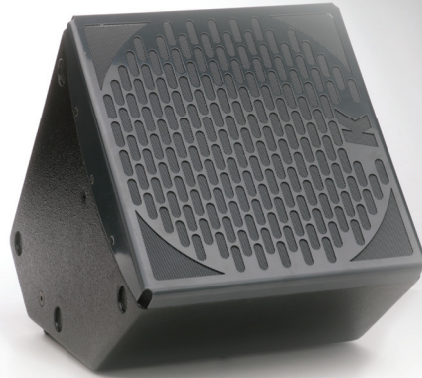
The K-array KF12 is a self-powered, 2-way speaker system. Its ultra-compact enclosure has an incredible reserve of power that delivers 127 dB continuous sound pressure with consistent 700 horizontal and vertical coverage.

The KF12 is best suited as a floor monitor and for medium throw applications in theatres, concert halls, churches and for corporate AV events. The integrated 35mm pole mount and the second amplifier output are specifically designed for use with the K-array KL 18 passive sub. This combination extends the system frequency response down to 30 Hz.

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DATASHEET



The KF12 uses a 12" neodymium speaker with a 3" voice coil for low-mid frequencies. The mid-high frequency section uses a co-axially mounted 3" voice coil neodymium compression driver.

An internal DSP module provides 16 control presets. Dedicated remote control software allows for control of the speaker from a PC.

All the KF12 components are designed by the K-array R&D department and custom made under the K-array quality control system.

[www.k-array.com](http://www.k-array.com)

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	<b>KF12</b>
	<b>Acoustics</b>
Speaker power handling	800 w + 200 W <sup>(AES)</sup>
Maximum amplifier power	2 x 1000 W <sup>(EIAJ)</sup>
Operating frequency range	60 Hz - 19 KHz.
Maximum SPL	127 dB continuous - 133 dB peak
	<b>Coverage</b>
Horizontal	70°
	<b>Cross over</b>
Type	DSP controlled
Frequency	1.2 KHz minimum
	<b>Transducers</b>
Low - Mid frequency	1 x 12" Neodymium speakers with 3" voice coil
High frequency	1 x 1" Neodymium coaxial compression drivers with 3" voice coil
	<b>Audio Input</b>
Connectors	male + female parallel 3-pin balanced XLR
Wiring	Pin1 = ground / Pin2 = hot (+) / Pin3 = cold (-)
	<b>Remote control Input</b>
Connectors	1 x female 8-pin RJ45
	<b>Power Input</b>
Connectors	2 x PowerCon IN/OUT
	<b>Amplifiers</b>
Type	1 modules class D - DSP controlled
Power	1000 W x 2 channel (2000 watt total) <sup>1</sup>
Protection	Dynamic limiter, over current, over temp, short circuits
	<b>AC power</b>
Operating range	210 - 240 Vac 50Hz (default) 100 - 120 Vac 60Hz (selectable)
Max continuous and burst current	Default 12A(>10 sec) - 24A (<1 sec) Selectable 20A(>10 sec) - 40A (<1sec)
	<b>Physical</b>
Dimensions	33 x 33 x 33.5 cm (12.99" x 12.99" x 13.19")
Weight	13 Kg (128.66 lbs)
	<p><i>Notes for data</i></p> <p>1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance.</p> <p>New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this brochure.</p>